EXHIBIT 1

MICHAEL LEBBY, PH.D. EXHIBIT 1 – MATERIALS CONSIDERED

Patents & File Histories

- U.S. Pat. No. 4,594,719 (Ackley)
- U.S. Pat. No. 5,140,745 (McKenzie, Jr.)
- U.S. Pat. No. 5,175,783 (Tatoh)
- U.S. Pat. No. 5,276,754 (Blair et al.)
- U.S. Pat. No. 5,334,029 (Akkapeddi et al.)
- U.S. Pat. No. 5,420,722 (Bielak)
- U.S. Pat. No. 5,535,296 (Uchida)
- U.S. Pat. No. 5,555,341 (Sharma et al.)
- U.S. Pat. No. 5,631,446 (Quan)
- U.S. Pat. No. 5,774,486 (Jiang et al.)
- U.S. Pat. No. 5,812,717 (Gilliland)
- U.S. Pat. No. 5,825,054 (Lee et al.)
- U.S. Pat. No. 5,835,199 (Phillips et al.)
- U.S. Pat. No. 5,838,703 (Lebby et al.)
- U.S. Pat. No. 5,940,277 (Farnworth et al.)
- U.S. Pat. No. 6,144,090 (Higashiguchi)
- U.S. Pat. No. 6,214,525 (Boyko et al.)
- U.S. Pat. No. 6,243,508 (Jewell et al.)
- U.S. Pat. No. 6,388,739 (Rice)
- U.S. Pat. No. 6,438,290 (Bietry et al.)
- U.S. Pat. No. 6,496,465 (Broome et al.)
- U.S. Pat. No. 6,751,379 (Capewell et al.)
- U.S. Pat. No. 6,863,170 (Gordon et al.)
- U.S. Pat. No. 6,894,849 (Yamamoto et al.)
- U.S. Pat. No. 6,919,996 (Wada et al.)
- U.S. Pat. No. 7,187,823 (Dimsdale et al.)
- U.S. Pat. No. 7,321,708 (Jenkins et al.)
- U.S. Pat. No. 7,558,300 (Dragic)
- U.S. Pat. No. 7,599,413 (Luo et al.)
- U.S. Pat. No. 8,179,619 (Kuwa et al.)
- U.S. Pat. No. 8,593,828 B2 (Blackwell, Jr. et al.)
- U.S. Pat. No. 8,730,456 (Goldberg et al.)
- U.S. Pat. No. 8,891,069 (Pedersen et al.)
- U.S. Pat. No. 8,934,509 (Savage-Leuchs et al.)
- U.S. Pat. Appl. No. 2003/0043363 A1 (Jamieson et al.)
- U.S. Pat. Appl. No. 2005/0089280 A1 (Kumar et al.)
- U.S. Pat. Appl. No. 2007/0158807 A1 (Lu et al.)

- U.S. Pat. Appl. No. 2007/0181810 A1 (Tan et al)
- U.S. Pat. Appl. No. 2009/0226131 A1 (Zhang et al.)
- U.S. Pat. Appl. No. 2010/0046953 A1 (Shaw et al.)
- U.S. Pat. Appl. No. 2014/0211436 A1 (Behringer et al.)
- U.S. Pat. Appl. No. 2016/0291136 A1 (Lindskog et al)
- European Pat. No. 0 452 985 A2 (Norris)
- European Pat. No. 0 581 012 B1 (Lebby et al.)
- European Pat. No. 0 690 319 A1 (Lebby et al.)
- Korean Pat. Appl. KR20130140554A (Mheen et al.)

Court Documents

- Plaintiff Waymo LLC's Reply in Support of its Motion for Preliminary Injunction, filed April 21, 2017
- Reply Declaration of Gregory Kintz, filed April 21, 2017

Transcripts

- Deposition of Gregory Kintz, taken on April 26, 2017
- Deposition of Daniel Gruver, taken on April 20, 2017

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- Velodyne User's Manual and Programming Guide, HDL-64E S3

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- https://www.rp-photonics.com/tutorial_fiber_amplifiers10.html
- https://www.thorlabs.com/newgrouppage9.cfm?objectgroup_id=7556

Production Documents

• SC PROD003.P

Other

• Quinn List of 50 Files

^{**}All documents listed in Exhibit 2 of my declaration in support of Defendants' Opposition to Plaintiff Waymo LLC's Motion for Preliminary Injunction.